

**CODE CHANNEL ALLOCATIONS IN A WIRELESS
COMMUNICATIONS SYSTEM**

ABSTRACT

Systems and techniques are disclosed relating to communications. The systems and techniques involve spread-spectrum communications using a scheduler, or similar component, configured to maintain a plurality of spreading sequence assignments and a plurality of available spreading sequences each being orthogonal to the assigned spreading sequences. The scheduler may also be configured to select a spreading sequence from a group of the available spreading sequences having the same length, the selected spreading sequence being generated from a block of codes and being selected based on the number of the available spreading sequences that can be generated using the same block of codes.